

Appendix H

Calculation Reference: AUDIT-247601-220613-0652

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
 Category : C - FLATS PRIVATELY OWNED
 TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
03	SOUTH WEST	
	DC DORSET	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	1 days
	SF SUFFOLK	1 days
05	EAST MIDLANDS	
	DS DERBYSHIRE	1 days
	NT NOTTINGHAMSHIRE	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	RI EAST RIDING OF YORKSHIRE	1 days
08	NORTH WEST	
	MS MERSEYSIDE	2 days
09	NORTH	
	CB CUMBRIA	2 days
	TW TYNE & WEAR	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: No of Dwellings
 Actual Range: 9 to 184 (units:)
 Range Selected by User: 6 to 215 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/14 to 15/10/21

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	3 days
Tuesday	5 days
Wednesday	4 days
Friday	2 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	14 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	11
Edge of Town	3

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

C3 14 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,001 to 5,000	2 days
10,001 to 15,000	4 days
20,001 to 25,000	5 days
25,001 to 50,000	2 days
50,001 to 100,000	1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

5,001 to 25,000	1 days
25,001 to 50,000	1 days
50,001 to 75,000	3 days
125,001 to 250,000	3 days
250,001 to 500,000	4 days
500,001 or More	2 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	5 days
1.1 to 1.5	9 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No 14 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present 14 days

This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	CA-03-C-03 CROMWELL ROAD CAMBRIDGE	BLOCKS OF FLATS		CAMBRIDGESHIRE
	Suburban Area (PPS6 Out of Centre) No Sub Category Total No of Dwellings: 82 Survey date: MONDAY 18/09/17 Survey Type: MANUAL			
2	CB-03-C-02 BRIDGE LANE PENRITH	BLOCK OF FLATS		CUMBRIA
	Edge of Town No Sub Category Total No of Dwellings: 35 Survey date: WEDNESDAY 11/06/14 Survey Type: MANUAL			
3	CB-03-C-03 LOUND STREET KENDAL	FLATS & BUNGALOWS		CUMBRIA
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 33 Survey date: MONDAY 09/06/14 Survey Type: MANUAL			
4	DC-03-C-02 PALM COURT WEYMOUTH SPA ROAD	FLATS IN BLOCKS		DORSET
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 14 Survey date: FRIDAY 28/03/14 Survey Type: MANUAL			
5	DS-03-C-03 CAESAR STREET DERBY	BLOCKS OF FLATS		DERBYSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 30 Survey date: WEDNESDAY 25/09/19 Survey Type: MANUAL			
6	ES-03-C-01 OLD SHOREHAM RD BRIGHTON HOVE	BLOCK OF FLATS		EAST SUSSEX
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 71 Survey date: TUESDAY 26/09/17 Survey Type: MANUAL			
7	MS-03-C-02 SOUTH FERRY QUAY LIVERPOOL BRUNSWICK DOCK	BLOCKS OF FLATS		MERSEYSIDE
	Suburban Area (PPS6 Out of Centre) Development Zone Total No of Dwellings: 184 Survey date: TUESDAY 13/11/18 Survey Type: MANUAL			

LIST OF SITES relevant to selection parameters (Cont.)

8	MS-03-C-03 BLOCK OF FLATS MARINERS WHARF LIVERPOOL QUEENS DOCK Suburban Area (PPS6 Out of Centre) Development Zone Total No of Dwellings: 9 Survey date: TUESDAY 13/11/18	MERSEYSIDE	Survey Type: MANUAL
9	NF-03-C-02 MIXED FLATS & HOUSES HALL ROAD NORWICH LAKENHAM Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 82 Survey date: MONDAY 18/11/19	NORFOLK	Survey Type: MANUAL
10	NT-03-C-01 HOUSES (SPLIT INTO FLATS) LAWRENCE WAY NOTTINGHAM Suburban Area (PPS6 Out of Centre) No Sub Category Total No of Dwellings: 56 Survey date: TUESDAY 08/11/16	NOTTINGHAMSHIRE	Survey Type: MANUAL
11	NT-03-C-02 HOUSES (SPLIT INTO FLATS) CASTLE MARINA ROAD NOTTINGHAM Suburban Area (PPS6 Out of Centre) No Sub Category Total No of Dwellings: 135 Survey date: WEDNESDAY 09/11/16	NOTTINGHAMSHIRE	Survey Type: MANUAL
12	RI-03-C-01 FLATS 465 PRIORY ROAD HULL Edge of Town Residential Zone Total No of Dwellings: 20 Survey date: TUESDAY 13/05/14	EAST RIDING OF YORKSHIRE	Survey Type: MANUAL
13	SF-03-C-03 BLOCKS OF FLATS TOLLGATE LANE BURY ST EDMUNDS Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 30 Survey date: WEDNESDAY 03/12/14	SUFFOLK	Survey Type: MANUAL
14	TW-03-C-01 BLOCKS OF FLATS CAULDWELL AVENUE WHITLEY BAY MONKESEATON Edge of Town Residential Zone Total No of Dwellings: 45 Survey date: FRIDAY 15/10/21	TYNE & WEAR	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
SF-03-C-04	COVID Survey

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

TOTAL VEHICLES

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	14	59	0.053	14	59	0.148	14	59	0.201
08:00 - 09:00	14	59	0.057	14	59	0.182	14	59	0.239
09:00 - 10:00	14	59	0.081	14	59	0.113	14	59	0.194
10:00 - 11:00	14	59	0.068	14	59	0.086	14	59	0.154
11:00 - 12:00	14	59	0.068	14	59	0.076	14	59	0.144
12:00 - 13:00	14	59	0.069	14	59	0.075	14	59	0.144
13:00 - 14:00	14	59	0.063	14	59	0.088	14	59	0.151
14:00 - 15:00	14	59	0.069	14	59	0.076	14	59	0.145
15:00 - 16:00	14	59	0.105	14	59	0.061	14	59	0.166
16:00 - 17:00	14	59	0.111	14	59	0.074	14	59	0.185
17:00 - 18:00	14	59	0.168	14	59	0.085	14	59	0.253
18:00 - 19:00	14	59	0.139	14	59	0.085	14	59	0.224
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.051			1.149			2.200

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

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Parameter summary

Trip rate parameter range selected: 9 - 184 (units:)
 Survey date range: 01/01/14 - 15/10/21
 Number of weekdays (Monday-Friday): 14
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys automatically removed from selection: 0
 Surveys manually removed from selection: 1

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Calculation Reference: AUDIT-247601-221007-1037

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
 Category : C - FLATS PRIVATELY OWNED
 MULTI-MODAL TOTAL VEHICLES

Selected regions and areas:

03	SOUTH WEST	
	DC DORSET	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	1 days
	SF SUFFOLK	1 days
05	EAST MIDLANDS	
	DY DERBY	1 days
	NG NOTTINGHAM	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	RI EAST RIDING OF YORKSHIRE	1 days
08	NORTH WEST	
	MS MERSEYSIDE	2 days
09	NORTH	
	CB CUMBRIA	2 days
	TW TYNE & WEAR	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: No of Dwellings
 Actual Range: 9 to 184 (units:)
 Range Selected by User: 6 to 184 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/14 to 15/10/21

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	3 days
Tuesday	4 days
Wednesday	4 days
Friday	2 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	13 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	10
Edge of Town	3

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

C3 13 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,001 to 5,000	2 days
10,001 to 15,000	4 days
20,001 to 25,000	5 days
25,001 to 50,000	2 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

5,001 to 25,000	1 days
25,001 to 50,000	1 days
50,001 to 75,000	3 days
125,001 to 250,000	3 days
250,001 to 500,000	3 days
500,001 or More	2 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	5 days
1.1 to 1.5	8 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No 13 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present 13 days

This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	CA-03-C-03 CROMWELL ROAD CAMBRIDGE	BLOCKS OF FLATS		CAMBRIDGESHIRE
	Suburban Area (PPS6 Out of Centre) No Sub Category Total No of Dwellings: 82 Survey date: MONDAY 18/09/17			
2	CB-03-C-02 BRIDGE LANE PENRITH	BLOCK OF FLATS		CUMBRIA
	Edge of Town No Sub Category Total No of Dwellings: 35 Survey date: WEDNESDAY 11/06/14			
3	CB-03-C-03 LOUND STREET KENDAL	FLATS & BUNGALOWS		CUMBRIA
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 33 Survey date: MONDAY 09/06/14			
4	DC-03-C-02 PALM COURT WEYMOUTH SPA ROAD	FLATS IN BLOCKS		DORSET
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 14 Survey date: FRIDAY 28/03/14			
5	DY-03-C-03 CAESAR STREET DERBY	BLOCKS OF FLATS		DERBY
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 30 Survey date: WEDNESDAY 25/09/19			
6	MS-03-C-02 SOUTH FERRY QUAY LIVERPOOL BRUNSWICK DOCK	BLOCKS OF FLATS		MERSEYSIDE
	Suburban Area (PPS6 Out of Centre) Development Zone Total No of Dwellings: 184 Survey date: TUESDAY 13/11/18			
7	MS-03-C-03 MARINERS WHARF LIVERPOOL QUEENS DOCK	BLOCK OF FLATS		MERSEYSIDE
	Suburban Area (PPS6 Out of Centre) Development Zone Total No of Dwellings: 9 Survey date: TUESDAY 13/11/18			

LIST OF SITES relevant to selection parameters (Cont.)

8	NF-03-C-02 HALL ROAD NORWICH LAKENHAM Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 82 Survey date: MONDAY 18/11/19	MIXED FLATS & HOUSES	NORFOLK	Survey Type: MANUAL
9	NG-03-C-01 LAWRENCE WAY NOTTINGHAM Suburban Area (PPS6 Out of Centre) No Sub Category Total No of Dwellings: 56 Survey date: TUESDAY 08/11/16	HOUSES (SPLIT INTO FLATS)	NOTTINGHAM	Survey Type: MANUAL
10	NG-03-C-02 CASTLE MARINA ROAD NOTTINGHAM Suburban Area (PPS6 Out of Centre) No Sub Category Total No of Dwellings: 135 Survey date: WEDNESDAY 09/11/16	HOUSES (SPLIT INTO FLATS)	NOTTINGHAM	Survey Type: MANUAL
11	RI-03-C-01 465 PRIORY ROAD HULL Edge of Town Residential Zone Total No of Dwellings: 20 Survey date: TUESDAY 13/05/14	FLATS	EAST RIDING OF YORKSHIRE	Survey Type: MANUAL
12	SF-03-C-03 TOLLGATE LANE BURY ST EDMUNDS Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 30 Survey date: WEDNESDAY 03/12/14	BLOCKS OF FLATS	SUFFOLK	Survey Type: MANUAL
13	TW-03-C-01 CAULDWELL AVENUE WHITLEY BAY MONKESEATON Edge of Town Residential Zone Total No of Dwellings: 45 Survey date: FRIDAY 15/10/21	BLOCKS OF FLATS	TYNE & WEAR	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL TOTAL VEHICLES

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Total People to Total Vehicles ratio (all time periods and directions): 2.14

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	13	58	0.057	13	58	0.151	13	58	0.208
08:00 - 09:00	13	58	0.058	13	58	0.185	13	58	0.243
09:00 - 10:00	13	58	0.087	13	58	0.114	13	58	0.201
10:00 - 11:00	13	58	0.070	13	58	0.089	13	58	0.159
11:00 - 12:00	13	58	0.070	13	58	0.077	13	58	0.147
12:00 - 13:00	13	58	0.070	13	58	0.075	13	58	0.145
13:00 - 14:00	13	58	0.061	13	58	0.091	13	58	0.152
14:00 - 15:00	13	58	0.072	13	58	0.081	13	58	0.153
15:00 - 16:00	13	58	0.109	13	58	0.064	13	58	0.173
16:00 - 17:00	13	58	0.118	13	58	0.073	13	58	0.191
17:00 - 18:00	13	58	0.176	13	58	0.085	13	58	0.261
18:00 - 19:00	13	58	0.138	13	58	0.087	13	58	0.225
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.086			1.172			2.258

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

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Parameter summary

Trip rate parameter range selected:	9 - 184 (units:)
Survey date range:	01/01/14 - 15/10/21
Number of weekdays (Monday-Friday):	13
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL CYCLISTS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	13	58	0.004	13	58	0.012	13	58	0.016
08:00 - 09:00	13	58	0.001	13	58	0.019	13	58	0.020
09:00 - 10:00	13	58	0.004	13	58	0.004	13	58	0.008
10:00 - 11:00	13	58	0.001	13	58	0.001	13	58	0.002
11:00 - 12:00	13	58	0.004	13	58	0.003	13	58	0.007
12:00 - 13:00	13	58	0.003	13	58	0.000	13	58	0.003
13:00 - 14:00	13	58	0.003	13	58	0.004	13	58	0.007
14:00 - 15:00	13	58	0.007	13	58	0.004	13	58	0.011
15:00 - 16:00	13	58	0.005	13	58	0.001	13	58	0.006
16:00 - 17:00	13	58	0.005	13	58	0.001	13	58	0.006
17:00 - 18:00	13	58	0.011	13	58	0.007	13	58	0.018
18:00 - 19:00	13	58	0.008	13	58	0.004	13	58	0.012
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.056			0.060			0.116

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL PEDESTRIANS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	13	58	0.020	13	58	0.085	13	58	0.105
08:00 - 09:00	13	58	0.026	13	58	0.136	13	58	0.162
09:00 - 10:00	13	58	0.045	13	58	0.091	13	58	0.136
10:00 - 11:00	13	58	0.036	13	58	0.052	13	58	0.088
11:00 - 12:00	13	58	0.036	13	58	0.045	13	58	0.081
12:00 - 13:00	13	58	0.049	13	58	0.037	13	58	0.086
13:00 - 14:00	13	58	0.040	13	58	0.048	13	58	0.088
14:00 - 15:00	13	58	0.050	13	58	0.056	13	58	0.106
15:00 - 16:00	13	58	0.081	13	58	0.041	13	58	0.122
16:00 - 17:00	13	58	0.079	13	58	0.033	13	58	0.112
17:00 - 18:00	13	58	0.106	13	58	0.050	13	58	0.156
18:00 - 19:00	13	58	0.082	13	58	0.040	13	58	0.122
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.650			0.714			1.364

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	13	58	0.000	13	58	0.020	13	58	0.020
08:00 - 09:00	13	58	0.000	13	58	0.029	13	58	0.029
09:00 - 10:00	13	58	0.005	13	58	0.013	13	58	0.018
10:00 - 11:00	13	58	0.003	13	58	0.013	13	58	0.016
11:00 - 12:00	13	58	0.004	13	58	0.012	13	58	0.016
12:00 - 13:00	13	58	0.009	13	58	0.009	13	58	0.018
13:00 - 14:00	13	58	0.005	13	58	0.009	13	58	0.014
14:00 - 15:00	13	58	0.011	13	58	0.016	13	58	0.027
15:00 - 16:00	13	58	0.016	13	58	0.004	13	58	0.020
16:00 - 17:00	13	58	0.017	13	58	0.004	13	58	0.021
17:00 - 18:00	13	58	0.029	13	58	0.004	13	58	0.033
18:00 - 19:00	13	58	0.016	13	58	0.004	13	58	0.020
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.115			0.137			0.252

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL TOTAL RAIL PASSENGERS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	13	58	0.000	13	58	0.019	13	58	0.019
08:00 - 09:00	13	58	0.000	13	58	0.032	13	58	0.032
09:00 - 10:00	13	58	0.001	13	58	0.008	13	58	0.009
10:00 - 11:00	13	58	0.000	13	58	0.003	13	58	0.003
11:00 - 12:00	13	58	0.000	13	58	0.007	13	58	0.007
12:00 - 13:00	13	58	0.000	13	58	0.000	13	58	0.000
13:00 - 14:00	13	58	0.003	13	58	0.001	13	58	0.004
14:00 - 15:00	13	58	0.000	13	58	0.000	13	58	0.000
15:00 - 16:00	13	58	0.003	13	58	0.003	13	58	0.006
16:00 - 17:00	13	58	0.004	13	58	0.001	13	58	0.005
17:00 - 18:00	13	58	0.013	13	58	0.000	13	58	0.013
18:00 - 19:00	13	58	0.030	13	58	0.001	13	58	0.031
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.054			0.075			0.129

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL CARS

Calculation factor: 1 DWELLS

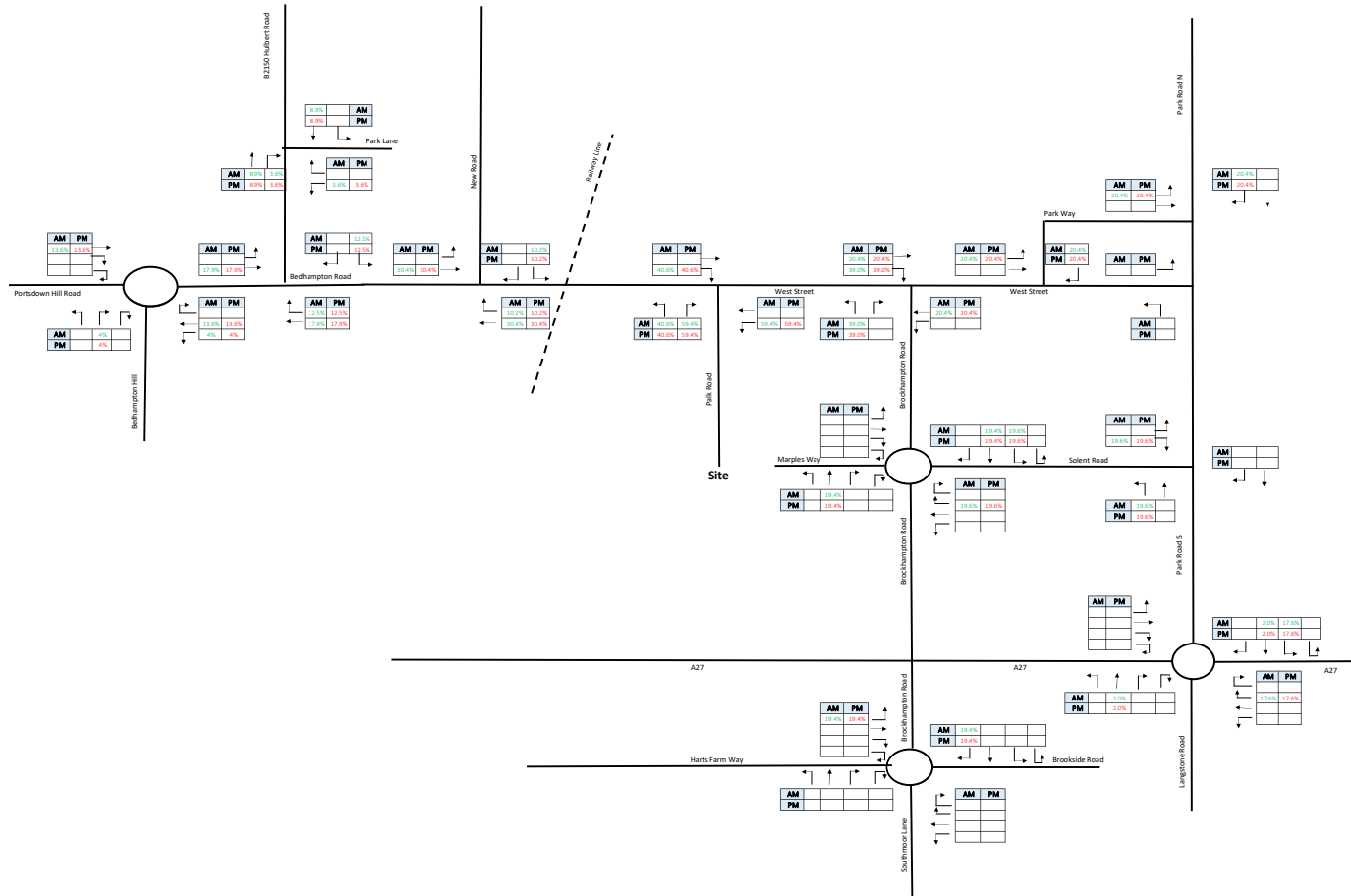
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	13	58	0.045	13	58	0.135	13	58	0.180
08:00 - 09:00	13	58	0.048	13	58	0.170	13	58	0.218
09:00 - 10:00	13	58	0.064	13	58	0.098	13	58	0.162
10:00 - 11:00	13	58	0.054	13	58	0.072	13	58	0.126
11:00 - 12:00	13	58	0.054	13	58	0.062	13	58	0.116
12:00 - 13:00	13	58	0.057	13	58	0.069	13	58	0.126
13:00 - 14:00	13	58	0.054	13	58	0.074	13	58	0.128
14:00 - 15:00	13	58	0.062	13	58	0.074	13	58	0.136
15:00 - 16:00	13	58	0.097	13	58	0.056	13	58	0.153
16:00 - 17:00	13	58	0.109	13	58	0.061	13	58	0.170
17:00 - 18:00	13	58	0.167	13	58	0.072	13	58	0.239
18:00 - 19:00	13	58	0.119	13	58	0.073	13	58	0.192
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.930	1.016			1.946		

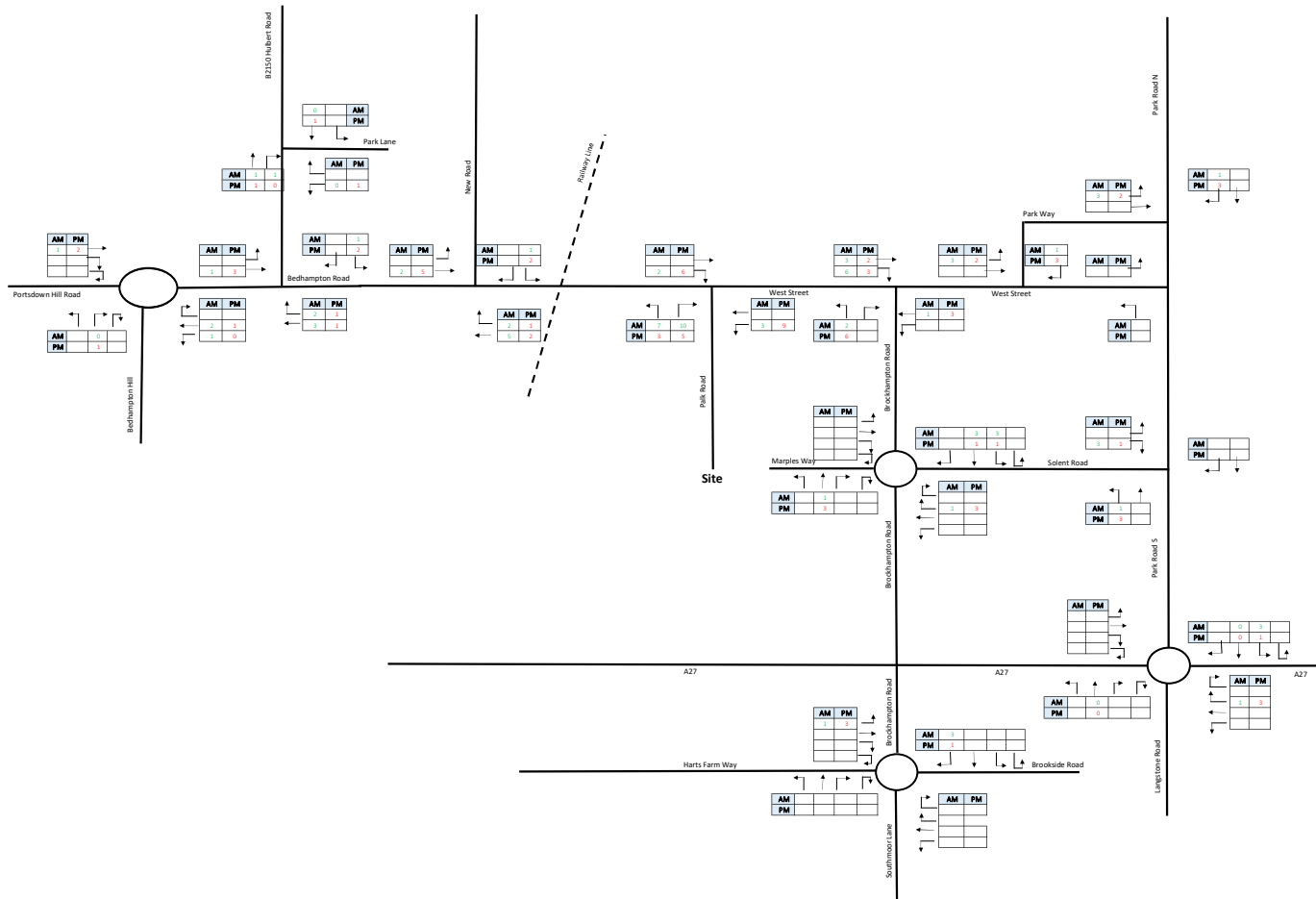
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

Appendix I



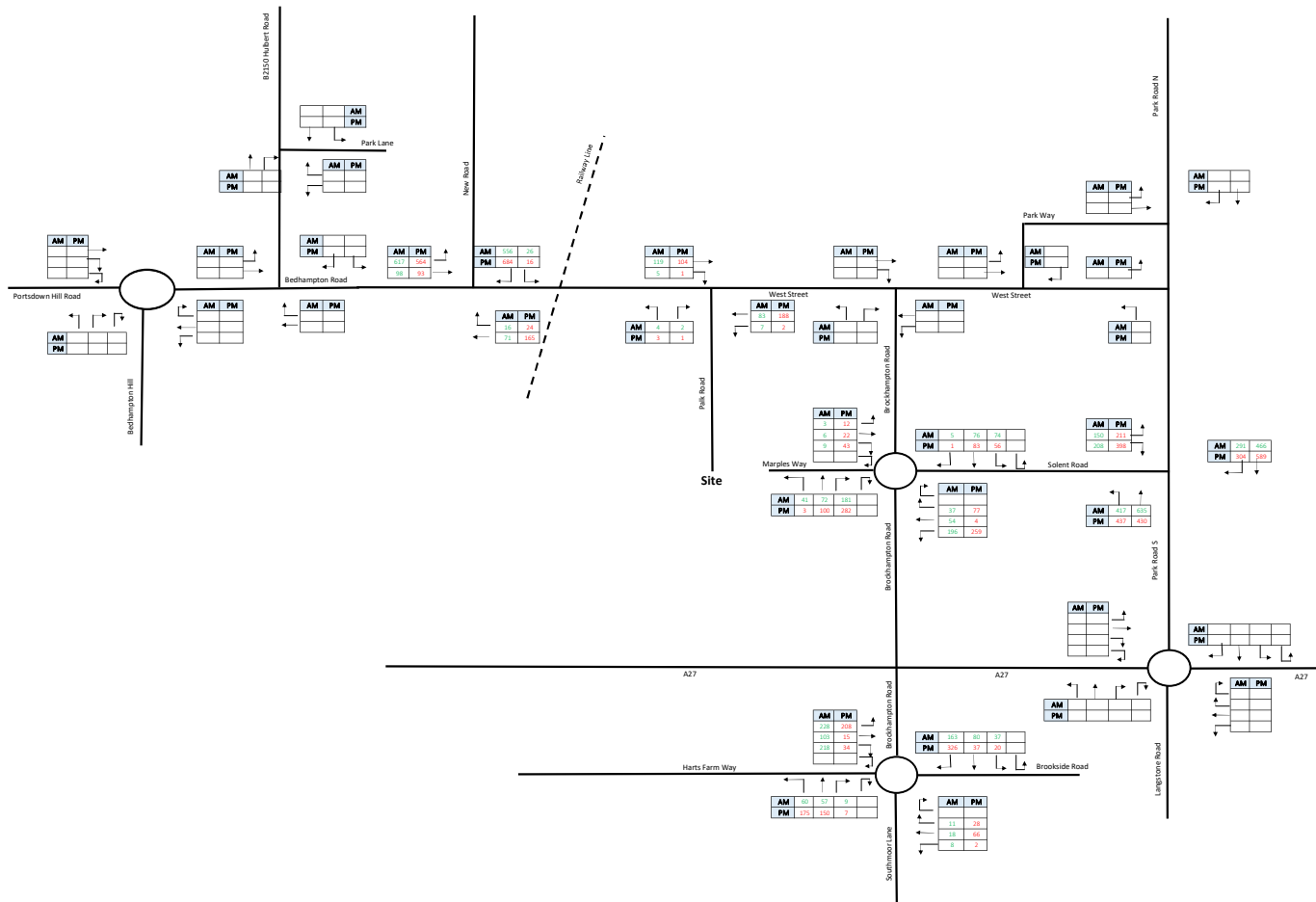
AM Peak		PM Peak	
ADP	Dep	ADP	Dep
0.057	0.180	0.168	0.085
5	16	15	8



Peak Hours

AM Peak 08:00-09:00

PM Peak 16:15-17:15



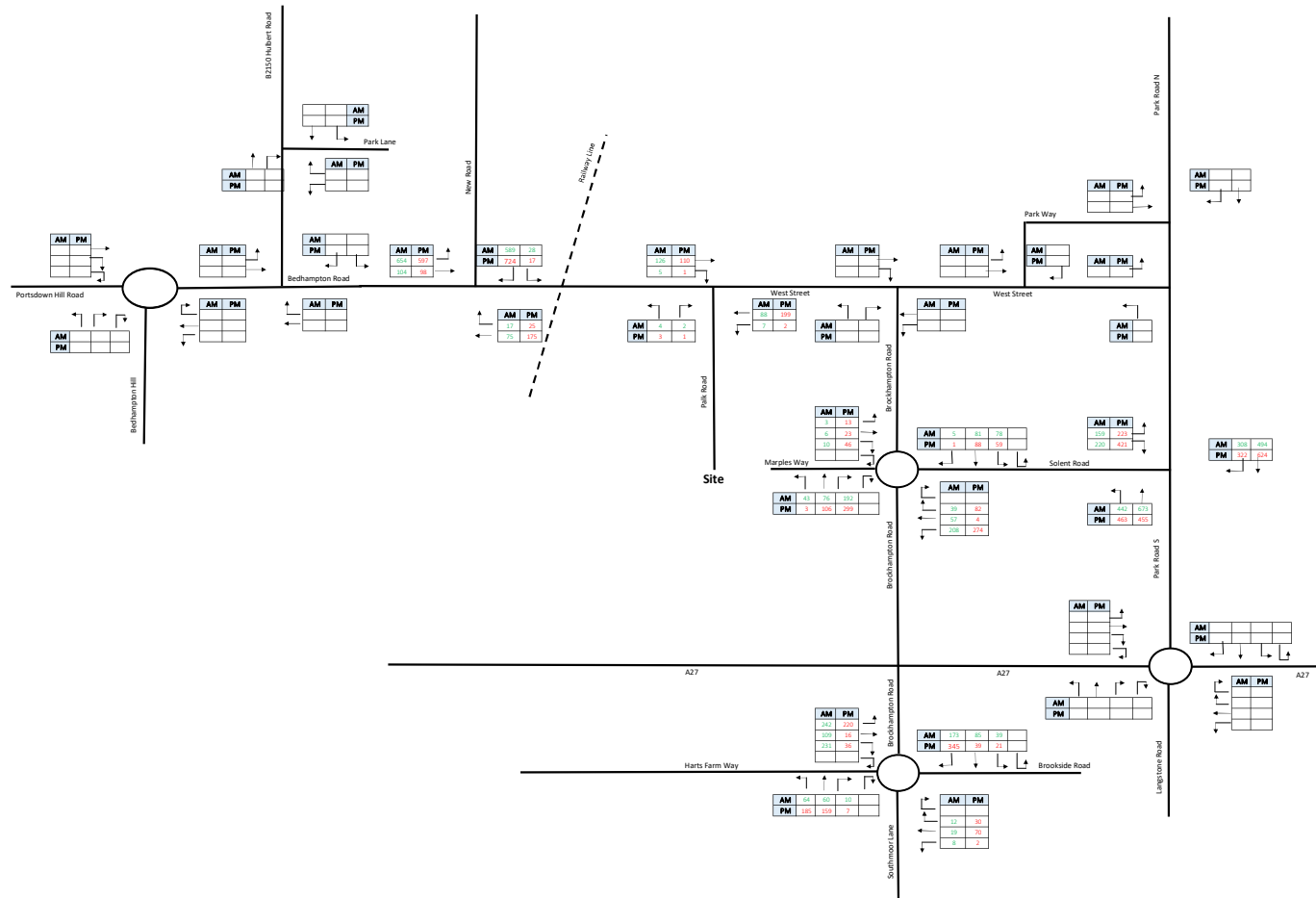
TEMPro Growth Factor

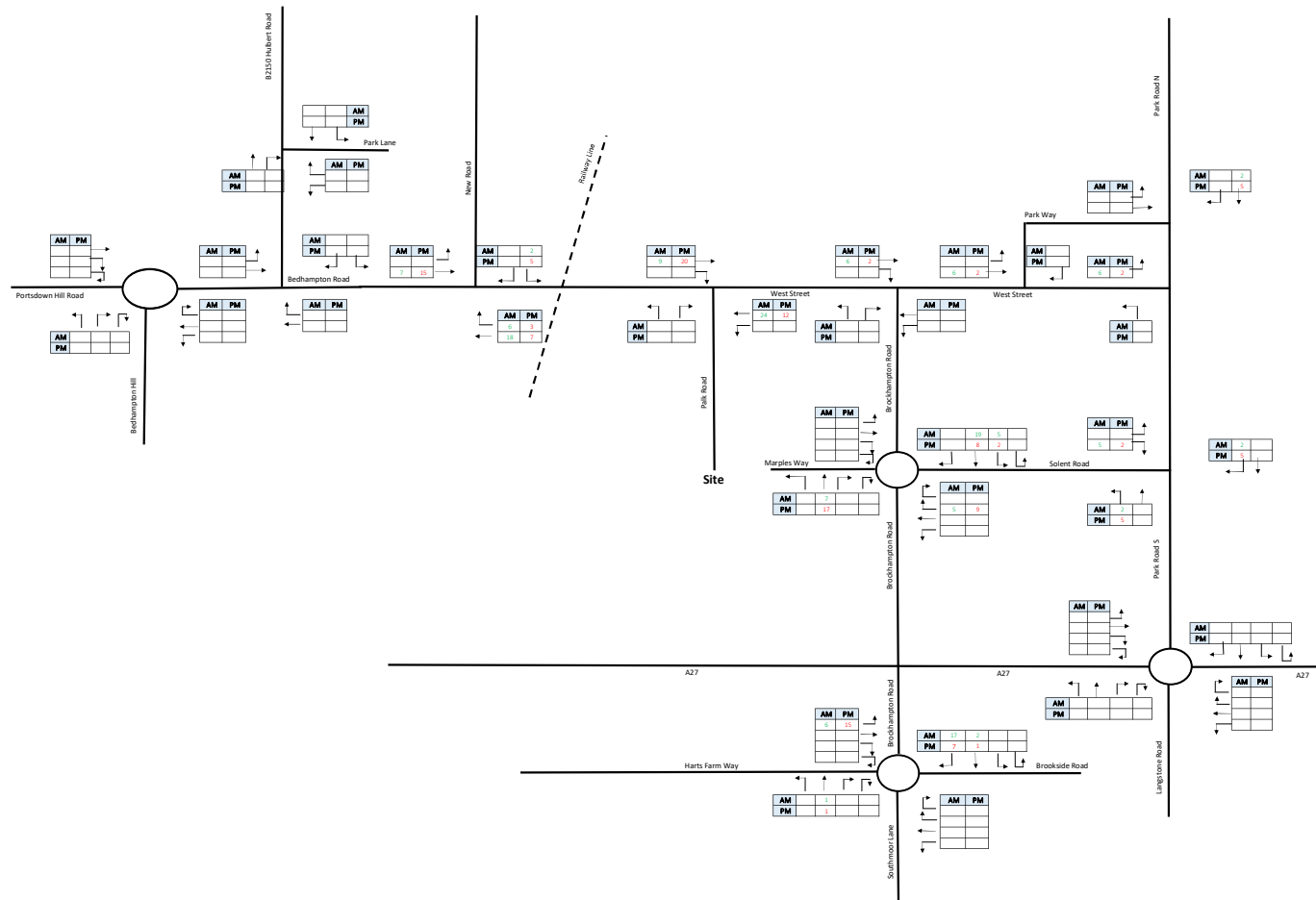
AM 1.0593
PM 1.0587

Peak Hours

AM Peak 08:00-09:00

PM Peak 16:15-17:15

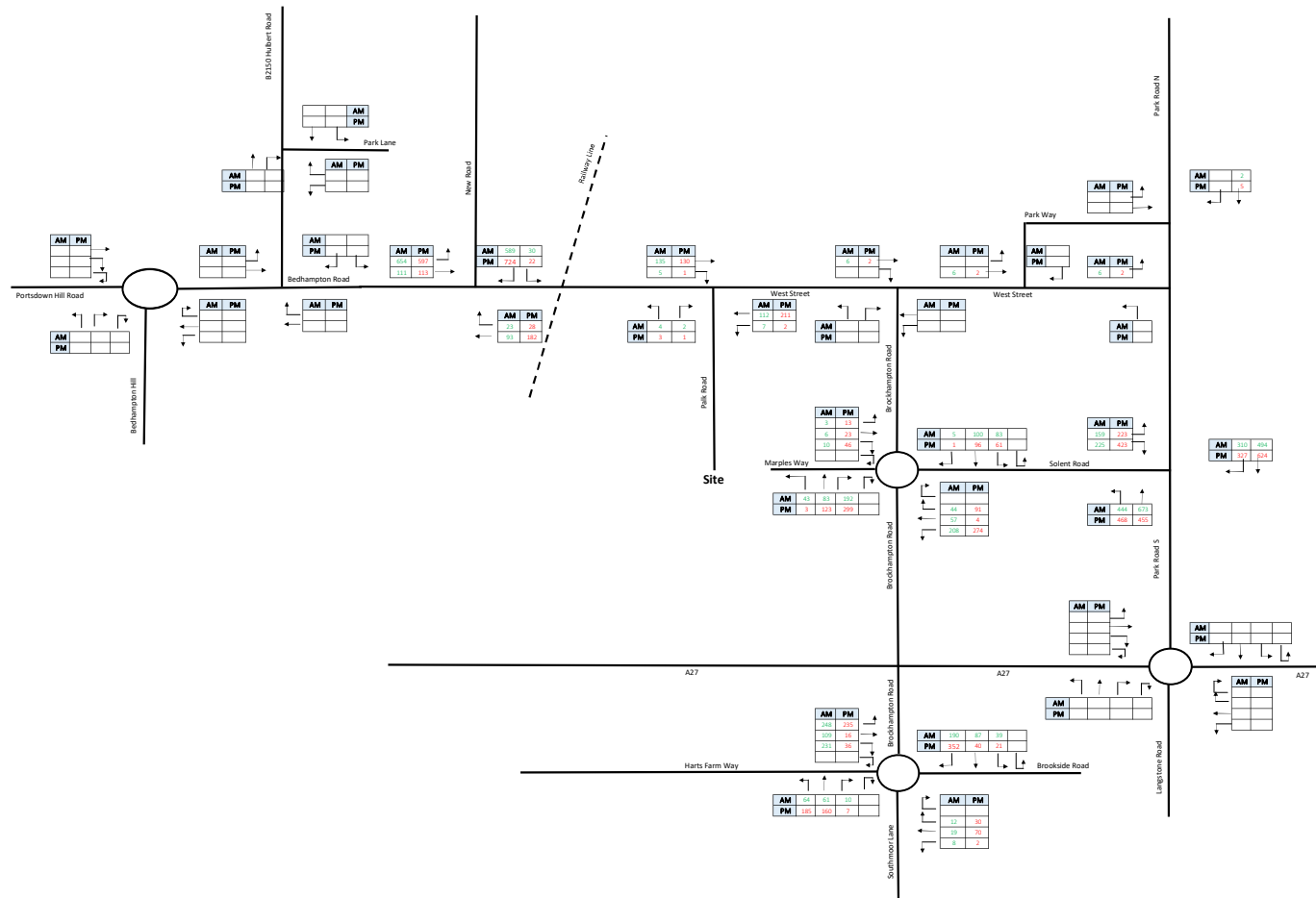




Peak Hours

AM Peak 08:00-09:00

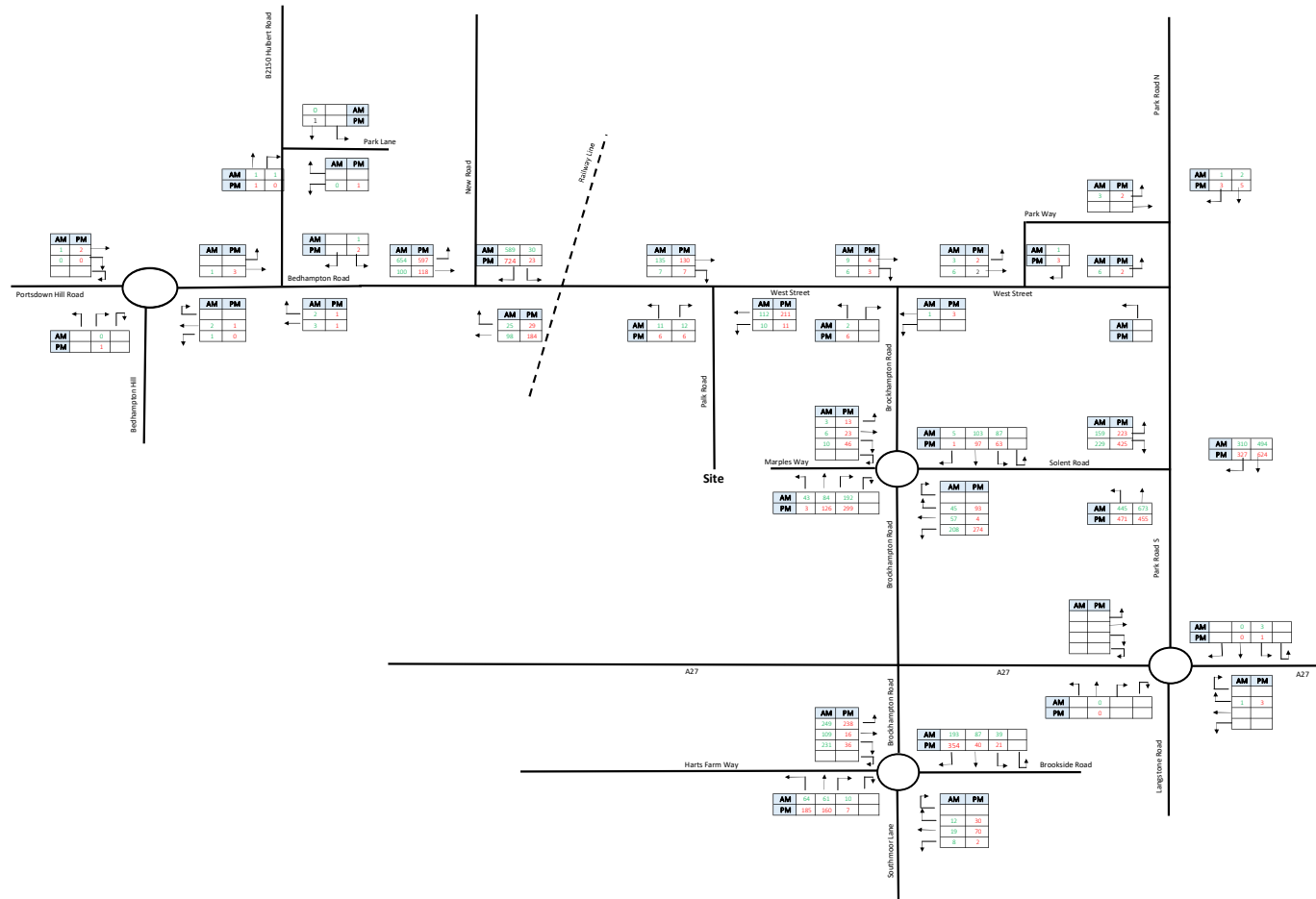
PM Peak 16:15-17:15

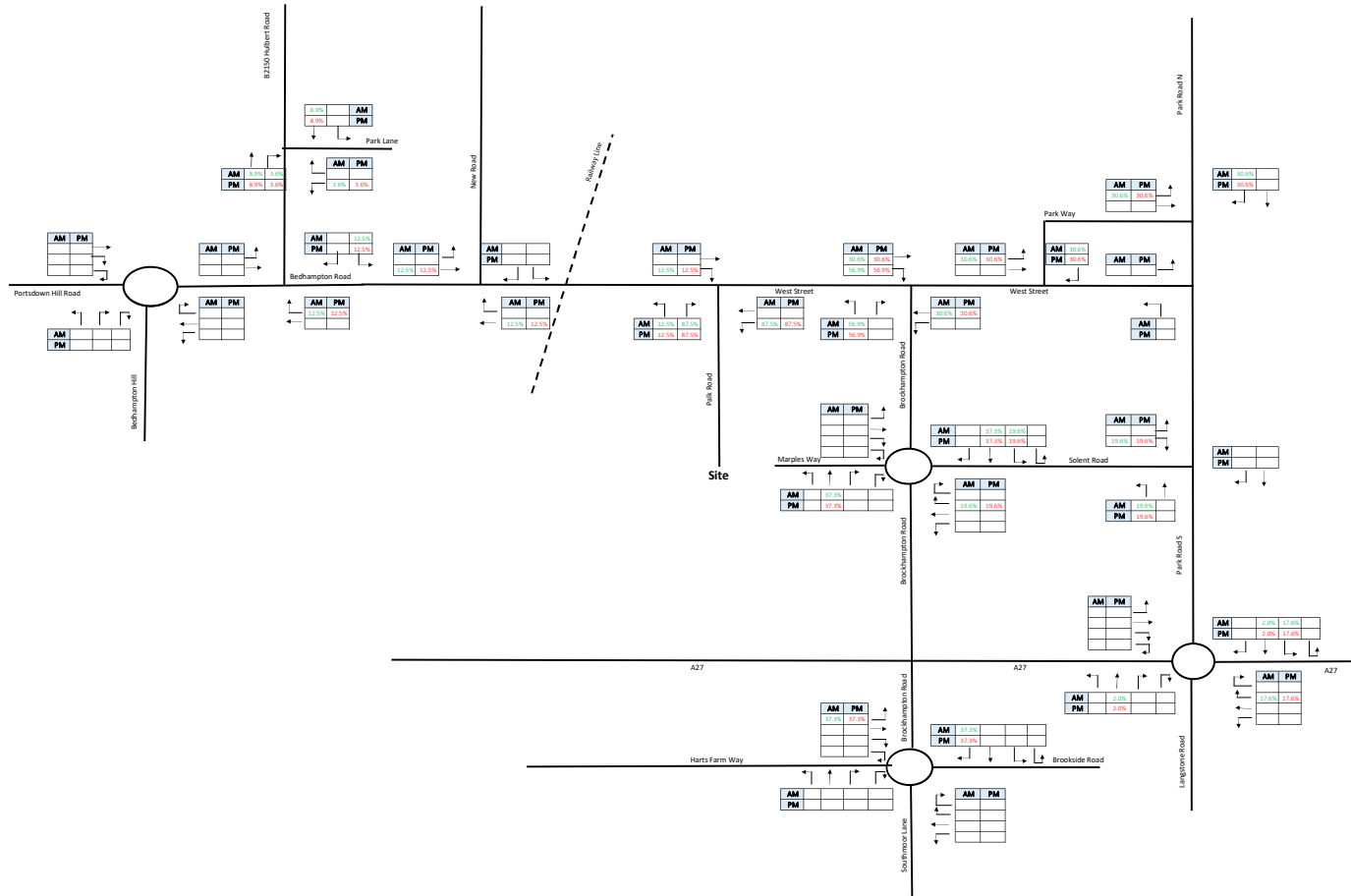


Peak Hours

AM Peak 08:00-09:00

PM Peak 16:15-17:15





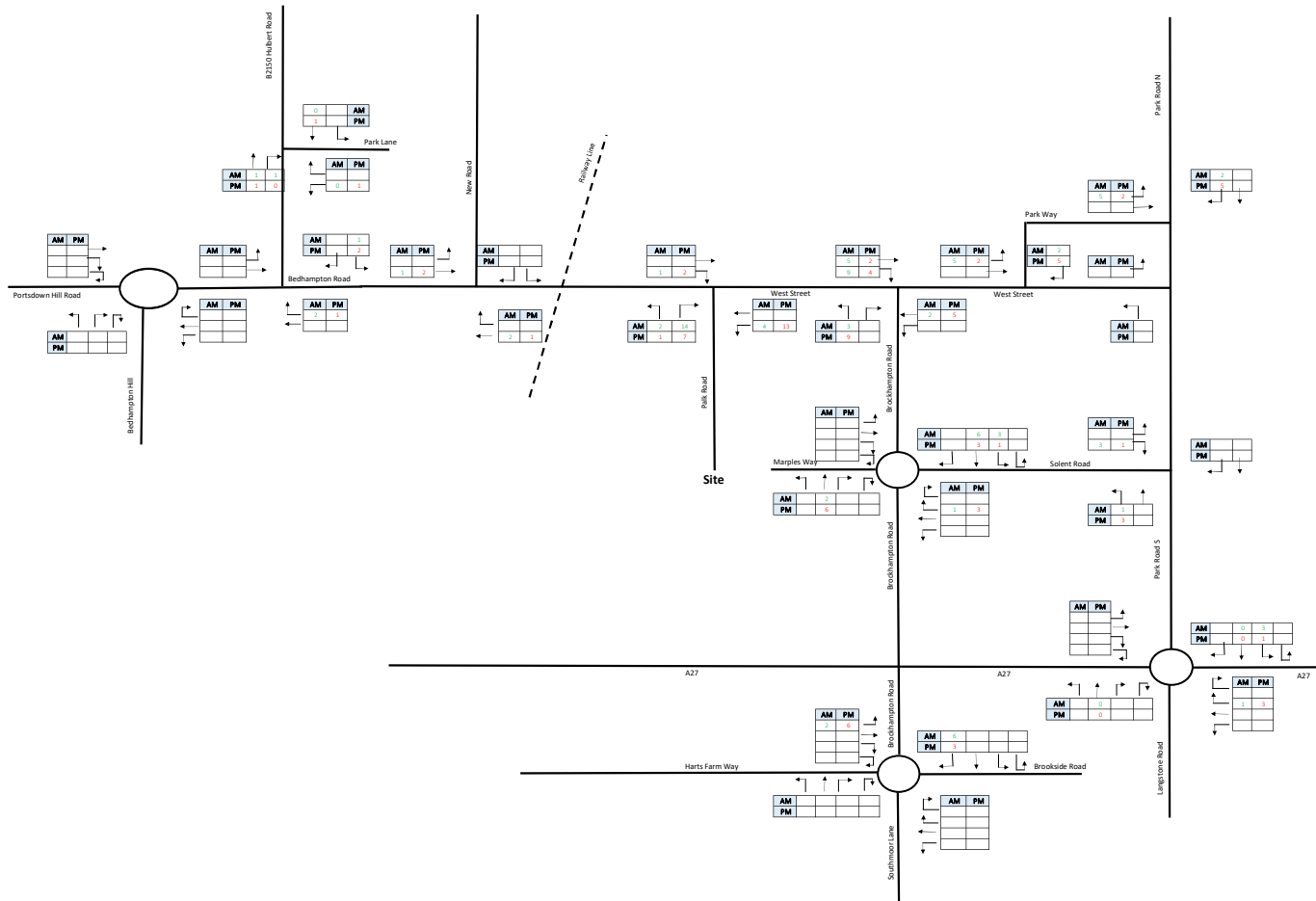
AM Peak		PM Peak	
ADP	Dep	ADP	Dep
0.057	0.180	0.168	0.085
5	16	15	8

90

Peak Hours

AM Peak 08:00-09:00

PM Peak 16:15-17:15



Peak Hours

AM Peak 08:00-09:00

PM Peak 16:15-17:15

